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WILSON, SONSINI,  
GOODRICH & ROSATI



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/662,681	09/15/2000	Raanan Ben-Zur	21391-705

Rick Gregory  
Wilson Sonsini Goodrich and Rosati  
650 Page Mill Road  
Palo Alto, CA 94304



FORMALITIES LETTER



\*OC000000005554303\*

Date Mailed: 11/29/2000

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The signature of the following inventor(s) is missing from the oath or declaration:  
*Bayne G. Steele*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

*A copy of this notice MUST be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

01/31/2001 CNGUYEN 00000131 232415 09662681

01 FC:105 130.00 CH

WSGR PATENT DOCKET	
U.S.:	FOREIGN:
DOCKETED: 12/4/00 BY: DJ	
ACTION: US MISSING PARTS	
DUE DATES: DUE - 1/29/01	
FOLLOW-UP: 5/29/01	
ATTY: RG	CM #: 21391-705

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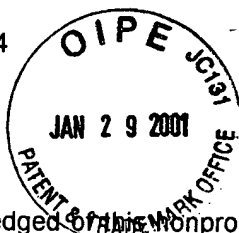
APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO.	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/662,681	09/15/2000	2631	690	21391-705	30	12	1

Rick Gregory  
Wilson Sonsini Goodrich and Rosati  
650 Page Mill Road  
Palo Alto, CA 94304

FILING RECEIPT



\*OC000000005554302\*



DOCKETED

Date Mailed: 11/29/2000

Receipt is acknowledged of this Nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Raanan Ben-Zur, Campbell, CA ;  
Boris Reynov, Cupertino, CA ;  
Bayne G. Steele, Pleasanton, CA ;  
Ohm P. Mishra, Fremont, CA ;

Continuing Data as Claimed by Applicant

Foreign Applications

Title

Interface <sup>received</sup> ~~receive~~ for communications among network elements

Preliminary Class

375

Data entry by : AHMED, HEWAN

Team : OIPE

Date: 11/29/2000



**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 36 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15 (b).

**PLEASE NOTE the following information about the Filing Receipt:**

- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 600 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."
- The title is recorded in sentence case.

Any corrections that may need to be done to your Filing Receipt should be directed to:

Assistant Commissioner for Patents  
Office of Initial Patent Examination  
Customer Service Center  
Washington, DC 20231

# FEE TRANSMITTAL for FY 2000

Patent fees are subject to annual revision.  
Small Entity payments must be supported by a small entity statement,  
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.  
See 37 C.F.R. §§ 1.27 and 1.28.

Complete if Known

RECEIVED  
FEB 01 2001  
OFFICE OF PETITIONS

TOTAL AMOUNT OF PAYMENT (\$ 260.00

Application Number 09/662,681  
Filing Date September 15, 2000  
First Named Inventor Raanan Ben-Zur  
Examiner Name Not Yet Assigned  
Group/Art Unit 2631  
Attorney Docket Number 21391-705

## METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit  
Account  
Number

23-2415 (Docket No. 21391-705)

Deposit  
Account  
Name

Wilson Sonsini Goodrich & Ross

- ☐ Charge Any Additional Fee Required  
Under 37 CFR §§ 1.16 and 1.17

2. ☐ Payment Enclosed:

☐ Check ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	
SUBTOTAL (1)					0

### 2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total Claims	-20** =	x	=
Independent Claims	-3** =	x	=
Multiple Dependent			=

\*\*or number previously paid, if greater; For Reissues, see below

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	130.00
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	130.00
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR 1.129(b))	
Other fee (specify)				25 Request for Corrected Filing Receipt	
Other fee (specify)				55/110 Terminal Disclaimer	
* Reduced by Basic Filing Fee Paid					
SUBTOTAL (3)					260.00

## SUBMITTED BY

Name (Print/Type) Richard L. Gregory, Jr.

Signature

Registration No. (Attorney/Agent) 42,607

Date 01-29-01

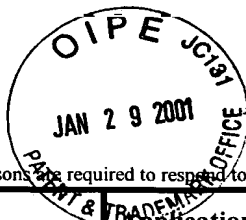
## Complete (if applicable)

Telephone 650-493-9300

Customer No. 021971

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box →



PTO/SB/21 (6-99)

Approved for use through 09/30/2000. OMB 0651-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<h1 style="text-align: center;">TRANSMITTAL FORM</h1> <p style="text-align: center;">(to be used for all correspondence after initial filing)</p>		Application Number	09/662,681
		Filing Date	September 15, 2000
		First Named Inventor	Raanan Ben-Zur
		Group/Art Unit	2631
		Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission		Attorney Docket Number	21391-705

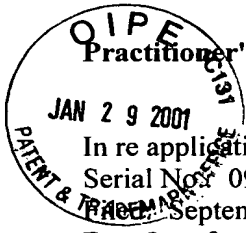
**RECEIVED**  
**FEB 01 2001**  
**OFFICE OF PETITIONS**

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application (2 pgs.)) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below): <div style="border: 1px solid black; padding: 2px;">           Copy of Notice to File Missing Parts of Application (1 pg.)             Petition under 37 C.F.R. §1.47(a) with Declaration and Exhibits A-E (18 pages)         </div>
<div style="border: 1px solid black; padding: 2px;">             Remarks           </div>		

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT			
Firm or Individual name	Richard L. Gregory, Jr., Reg. No. 42,607, WILSON SONSINI GOODRICH & ROSATI		
Signature			
Date	01-29-01	Customer Number:	021971

CERTIFICATE OF EXPRESS MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated below and addressed to: Commissioner for Patents, Washington, D.C. 20231, on this date:			
		Express Mail Label	EL473992064US
Typed or printed name	Cindy Baglietto		
Signature		Date	1/29/2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.



Practitioner's Docket No. 21391-705

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Ranaan Ben-Zur, et al.

Group No.: 2631

Serial No. 09/662,681

Examiner: Not Yet Assigned

Filed: September 15, 2000

For: Interface Receiver for Communications Among Network Elements

Commissioner for Patents  
Washington, D.C. 20231

COMPLETION OF FILING REQUIREMENTS  
—NONPROVISIONAL APPLICATION

- I. This replies to the Notice to File Missing Parts of Application (PTO-1533) mailed November 29 2000. A copy of the Notice to File Missing Parts of Application—Filing Date Granted (Form PTO-1533) is enclosed.

DECLARATION OR OATH AND ASSIGNMENT

- II. The signature of inventor Bayne G. Steele was missing from the originally filed Declaration. Please see Petition under 37 C.F.R. §1.47(a).

PETITION UNDER 37 CFR § 1.47(a)

- III. Enclosed is a Petition under 37 CFR § 1.47(a), a corresponding Declaration (made by Attorney for the Applicants regarding inventor Bayne G. Steele who cannot be found or reached), and Exhibits A-~~E~~.

COMPLETION FEES

1. Surcharge Fee: Late payment of filing fee (37 C.F.R. 1.16(e))	\$ 130.00
2. Petition Fee: Petition (37 C.F.R. 1.47(a))	\$ 130.00
Total completion fees	\$ 260.00

EXTENSION OF TIME

- IV. An Extension of Time is not needed at this time Fee Due: \$0

REQUEST FOR CORRECTED FILING RECEIPT

- V. Attached is a copy of the official filing receipt for which issuance of a corrected filing receipt is respectfully requested. There are errors with respect to the following, which are incorrectly entered.

Error in	Correct data
1. Title	Interface Receiver for Communications Among Network Elements

The error above is not due to applicant error, therefore the fee under 37 C.F.R. 1.19(h), of \$25.00 does not apply.

TOTAL FEE DUE

- VI. The total fee due is: Completion fees \$260.00 Extension of Time Fees \$ 0  
TOTAL FEE DUE \$ 260.00

PAYMENT OF FEES

- VII. Charge Account No. 23-2415 (21391-705) in the amount of \$ 260.00  
Please charge Account No. 23-2415 (21391-705) for any fees that may be due by this paper.

Richard L. Gregory, Jr., Reg. No. 42,607

Wilson Sonsini Goodrich & Rosati  
650 Page Mill Road  
Palo Alto, CA 94304  
(650) 493-9300  
Customer No.: 21971